Table D-C-1 Nitrogen Oxides (NO_X) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

		PERMIT ISSUANCE		PRIMARY		THROUGHPUT		CONTROL METHOD	EMISSION			EMISSION		AVG TIME	STANDARAD		AVG TIME
RBLCID		DATE	NAME	FUEL	THROUGHPUT	UNIT		DESCRIPTION	LIMIT 1	UNIT	CONDITION	LIMIT 2	UNIT	CONDITION	EMISSION LIMIT	UNIT	CONDITION
*AK-0084	DONLIN GOLD PROJECT		7 Boilers and H			MMBtu/hr	Two (2) natural gas and diesel fired 2			LB/MMBTU (ULS			LB/MMBTU (NAT				
*AK-0084	DONLIN GOLD PROJECT	6/30/201	7 Two (2) Heat	er: Natural Gas	16.5	MMBtu/hr	Two (2) 16.5 MMBtu/hr heaters (nat		0.154	LB/MMBTU (ULS	3-HOUR AVERAGE	0.049	LB/MMBTU (NAT	3-HOUR AVERAGE	. (
								Must have NOx emission design									
FL-0356	OKEECHOBEE CLEAN ENI		6 Two natural g			MMBtu/hr	Fueled only with gas. May operate on			LB/MMBTU		0			(4	
*FL-0363	DANIA BEACH ENERGY C	12/4/201	7 Two natural g	gas Natural gas	9.9	MMBtu/hr		Manufacturer certification	0.1	LB/MMBTU	DESIGN VALUE	0			(
								GOOD COMBUSTION									
IN-0263	MIDWEST FERTILIZER CC	3/23/201	7 STARTUP H	E/NATURAL	G 70	MMBTU/HR		PRACTICES	12.611	LB/H	3 HOUR AVERAGE	200	H/YR		(
								good engineering practices, good									
								combustion technology, and use of									
LA-0305	LAKE CHARLES METHAN	6/30/201	6 Gasifier Start	-u Natural gas	23	MM BTU/hr (each)		clean fuels	0)		0			(
								good engineering design and									
LA-0305	LAKE CHARLES METHAN		6 WSA Preheat		(practices and use of clean fuels	()		0			(
LA-0307	MAGNOLIA LNG FACILIT		6 Regenerative			mm btu/hr		good combustion practices	0)		0			(1	
MI-0423	INDECK NILES, LLC		7 FGFUELHTI			MMBTU/H	Two natural gas fired dew point heate			LB/H	HOURLY; EACH	0			(
*MI-0435	BELLE RIVER COMBINED		8 EUFUELHTI			MMBTU/H	A natural gas-fired 20.8 MMBTU/H			LB/H	HOURLY	0			(
*MI-0435	BELLE RIVER COMBINED	7/16/201	8 EUFUELHTI	R2 Natural gas	3.8	MMBTU/H	A natural gas-fired 3.8 MMBTU/H h	Low NOx burner	0.14	LB/H	HOURLY	0			(
		1	1	1	1		I	I	1	1	1	1	1	1	1	1	1
	MARSHALLTOWN		dew point								3-HOUR						
*IA-0107	GENERATING STATION	4/14/2014	heater	natural gas	13 32	mmBtu/hr			0.013	LB/MMBTU	AVERAGE	0			0		
210107	GENERALIE TENO DITTION	0102011	neutei	NATURAL	13.32	IIIIII KU III			0.01.	LDMMDIC	TITLICIOL				0		
					1										l.		
MD-0040	CPV ST CHARLES	11/12/2008	HEATER	GAS	1.7	MMBTU/H	FUEL GAS HEATER		0.1	LB/MMBTU		0			0		
*MD-0042	WILDCAT POINT GENERATION FACILITY	4/8/2014	DEW POIN HEATER	T NATURAL GAS	5	ммвтилн		USE OF EFFICIENT DESIGN OF THE HEATER, EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS ONLY, AND APPLICATION OF GOOD COMBUSTION PRACTICES		BLB/MMBTU	3-HOUR BLOCK AVERAGE	0			0		
OK-0129	CHOUTEAU POWER PLANT	1/23/2009	FUEL GAS HEATER (H2O BATI	I)	18.8	MMBTU/H			2.7	7 LB/H		0			0		
*PA-0288	SUNBURY GENERATION LP/SUNBURY SES	4/1/2013	DEW POIN HEATER	T Natural Gas	15	ммвти/н	Source shall only be fired on pipeline quality natural gas. Source shall not be operated in excess of 8,275 hours in any 12 consecutive month period.		0.085	5 LB/MMBTU		5.25	T/YR	IN ANY 12 CONSECUTIVE MONTH PERIOD	0		
*TX-0691	PH ROBINSON ELECTRIC GENERATING STATION	5/20/2014	fuel gas heater	natural gas	18	MMBtu/hr			0.1	LB/MMBTU		0			0		
	INDECK WHARTON																1
*TX-0694	ENERGY CENTER	2/2/2015	heater	natural gas	3	MMBtu/hr			0.1	LB/MMBTU	1 HOUR	0			0		
	CPV Valley Energy Center Wawayanda, NY		Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Forced draft low NOx Burner	0.058	8 lb/MMBtu	1-hr average						

Table D-C-2 Carbon Monoxide (CO) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

		PERMIT ISSUANCE		PRIMARY		THROUGHPUT		CONTROL METHOD	EMISSION		AVG TIME	EMISSION		AVG TIME	STANDARAD		AVG TIME
			PROCESS NAME	FUEL	THROUGHPUT	UNIT	PROCESS NOTES	DESCRIPTION	LIMIT 1	UNIT	CONDITION	LIMIT 2	UNIT		EMISSION LIMIT	UNIT	CONDITION
	MIDWEST FERTILIZER COMPANY LLC	3/23/2017	STARTUP HEATER EU-002	NATURAL GAS	70	MMBTU/HR		GOOD COMBUSTION PRACTICES	2.556	LB/H	3 HOUR AVERAGE	200	H/YR				
	LAKE CHARLES		Gasifier Start-up					good engineering practices, good combustion technology, and use of clean									
LA-0305	METHANOL FACILITY	6/30/2016	Preheat Burners	Natural gas	23	MM BTU/hr (each)		fuels		,		0)		0		
LA-0305	LAKE CHARLES METHANOL FACILITY	6/30/2016	WSA Preheat Burners	Natural Gas	0			good engineering design and practices and use of clean fuels	1 .	,)				
			Regenerative														
LA-0307	MAGNOLIA LNG FACILITY	3/21/2016	EUFLTOS1 in	natural gas	7.37	mm btu/hr		good combustion practices	1	1		0)		0		
			FGTOH (Thermal Oil System for								TEST PROTOCOL			BASED UPON 12-			
	GRAYLING		Thermally Fused				One natural gas fired thermal oil system for thermally fused lamination lines rated				WILL SPECIFY			MO ROLLING			
MI-0421	PARTICLEBOARD	8/26/2016	Lamination Lines)	Natural gas	34	MMBTU/H	at 10.2 MMBTU/H fuel heat input (EUFLTOS1 in FGTOH).	Good design and operation	0.082	LB/MMBTU	AVG TIME TEST	3.69	T/YR	TIME PERIOD	0		+
	GRAYLING		EUTOH (In FGTOH)Thermal				One natural gas fired thermal oil heater for press and sifter rated at 34 MMBTU/H fuel heat input (EUTOH in FGTOH). All falls under RBLC Process				PROTOCOL WILL SPECIFY			12-MO ROLLING			
MI-0421	PARTICLEBOARD	8/26/2016	Oil Heater	Natural gas	34	MMBTU/H	Type Code 30.590.	Good design and operation	0.082	LB/MMBTU	AVG TIME.	12.3	T/YR	TIME PERIOD	0		
			FGFUELHTR (Two fuel pre-heaters				Two natural gas fired dew point heaters for warming the natural gas fuel										
			identified as EUFUELHTR1				(EUFUELHTR1 & EUFUELHTR2 in flexible group FGFUELHTR). The total combined heat input during operation shall not exceed 27 MMBTU/H (each) as										
			&				well. The CO2e limit is for both units combined; however the other limits are per				HOURLY; EACH						
MI-0423	INDECK NILES, LLC	1/4/2017	EUFUELHTR2)	Natural gas	27	MMBTU/H	unit. One natural gas-fired thermal oil heater for press and sifter rated at 38	Good combustion practices.	2.22	LB/H	UNIT	0)		0		
	GRAYLING PARTICLEBOARD	50,0017	EUTOH in FGTOH		20	MMBTU/H	MMBTU/hr fuel heat input (EUTOH in FGTOH). Also falls under the RBLC Process Type Code 30.590.		0.002	LB/MMBTU	PROTOCOL SHALL SPECIFY		TAID	12-MO ROLLING TIME PERIOD			
MI-0425	PARTICLEBUARD	3/9/2017	EUTOH in FGTOH	Naturai gas	38	MMB1U/H	One natural gas-fired thermal oil system for thermally fused lamination lines	Good design and operation.	0.082	LB/MMB1U	SHALL SPECIFY	13./1	T/YR	TIME PERIOD			
							rated at 10.2 MMBTU/H fuel heat input (EUFLTOS1 in FGTOH).										
							Note: The throughput capacity, 10.2 MMBTU/H, is not a change but instead a				TEST						
MI-0425	GRAYLING PARTICLEBOARD	5/9/2017	EUFLTOS1 in FGTOH	Natural gas	10.2	MMBTU/H	correction from the previous entry. The previous entry is under MI-0421 for the original permit.	Good design and operation.	0.082	LB/MMBTU	PROTOCOL SHALL SPECIFY	3.69	T/YR	12-MO ROLLING TIME PERIOD	0		
	BELLE RIVER COMBINED		EUFUELHTR1: Natural gas fired														
*MI-0435	CYCLE POWER PLANT	7/16/2018	fuel heater	Natural gas	20.8	MMBTU/H	A natural gas-fired 20.8 MMBTU/H heat input HP fuel heater.	Good combustion controls.	0.77	LB/H	HOURLY	0)		0		
	BELLE RIVER COMBINED		EUFUELHTR2: Natural gas fired														
*MI-0435	CYCLE POWER PLANT CPV FAIRVIEW ENERGY	7/16/2018	fuel heater Dew point heater	Natural gas	3.8	MMBTU/H	A natural gas-fired 3.8 MMBTU/H heat input HP fuel heater.	Good combustion controls	0.14	LB/H	HOURLY	0)		0		
*PA-0310	CENTER	9/2/2016			0				0.08	LB/MMBTU		0)		0		
*PA-0310	CPV FAIRVIEW ENERGY CENTER	9/2/2016	Dew point heater 3.2	Natrual Gas	3.2	MMBtu/hr			0.08	LB/MMBTU)		0		
							The auxiliary boiler will provide steam to the steam turbine at startup and at cold										
			AUXILIARY				starts to warm up the ST rotor. The steam from the auxiliary boiler will not be										
	GREENSVILLE POWER		BOILER (1) AND FUEL GAS				used to augment the power generation of the combustion turbines or steam turbine. The boiler is proposed to operate 8760 hrs/yr but will be limited by an										
	STATION			NATURAL GAS	185	MMBTU/HR	annual fuel throughput based on a capacity factor of 10%.	Clean fuel and good combustion practices	0.035	LBS/MMBTU		6.6	LB/H		0		
	MARSHALLTOWN										3-HOUR						
		4/14/2014	dew point heater	natural gas	13.32	mmBtu/hr			0.041	LB/MMBTU	AVERAGE	0)		0		
MD-0040	CPV ST CHARLES	11/12/2008	HEATER	NATURAL GAS	1.7	MMBTU/H	FUEL GAS HEATER		0.05	LB/MMBTU		.	,				
	C SI CHARLES	1.12/2000	THE LIER	I OKAL GAS	1.7		A OLD GROWING		0.00	LD/MINIDIO			,		,		
								USE OF EFFICIENT DESIGN OF									
								THE HEATER, EXCLUSIVE USE OF PIPELINE QUALITY									
								NATURAL GAS ONLY, AND			3-HOUR						
	WILDCAT POINT GENERATION FACILITY	4/8/2014	DEW POINT HEATER	NATURAL GAS		MMBTU/H		APPLICATION OF GOOD COMBUSTION PRACTICES	0.002	LB/MMBTU	BLOCK AVERAGE		,				
19113-0042	OLALIZATION PACILITY	0:2014	FUEL GAS	I ORAL GAS	,	abit//il		COMBOSTION I RACTICES	0.083	ED:MMD1U	LIVERAGE	"	1		· ·		
	CHOUTEAU POWER	1/22/2000	HEATER (H2O		10.0	MARTINI				I D/II			,				
OK-0129	PLANT	1/23/2009	BATH)		18.8	MMBTU/H			0.39	LB/H		0	,	IN ANY 12	0		+
														CONSECUTIVE			
	SUNBURY GENERATION LP/SUNBURY SES	4/1/2013	DEW POINT HEATER	Natural Gas	16	MMBTU/H	Source shall only be fired on pipeline quality natural gas. Source shall not be operated in excess of 8.275 hours in any 12 consecutive month period.		0.027	LB/MMBTU		2 20	T/YR	MONTH PERIOD			
FA-0200	LI/SUNDUKI SES	7/1/2013	HEATER	readidi Gas	13	WINDIU/II	oc operated in excess of 6,273 nours in any 12 consecutive month period.		0.037	LD/MIND I U		2.28) 1/1K	LEKIOD			
	PH ROBINSON ELECTRIC GENERATING STATION	5/20/2014	fuel gas heater	natural gas	18	MMBtu/hr			0.054	LB/MMBTU		0)		0		
	INDECK WHARTON			-													
	ENERGY CENTER CPV Valley Energy Center	2/2/2015	heater	natural gas	3	MMBtu/hr			0.04	LB/MMBTU	1 HOUR	0)		0	-	+
	Wawayanda, NY		Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Good combustion controls.	0.084	lb/MMBtu	1-hr average						
						•	·		•	•		•	•	•		•	

Table D-C-3 Volatile Organic Compound (VOC) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

							ICONTROL METHOD	IEMISSION		AVG TIME	IEMISSION		AVG TIME	ISTANDARAD		AVGTIME
RBLCID	FACILITY NAME	PERMIT ISSUANCE DATE PROCESS NAME	PRIMARY FUEL	THROUGHPUT	THROUGHPUT UNIT	PROCESS NOTES	DESCRIPTION	LIMIT 1	UNIT	CONDITION		UNIT	CONDITION	EMISSION LIMIT	UNIT	CONDITION
		Boilers and Heaters	Natural Gas and			Two (2) natural gas and diesel fired 29.29 MMBtu/hr process heaters, one (1)			LB/MMBTU	3-HOUR		LB/MMBTU	3-HOUR			
*AK-0084	DONLIN GOLD PROJECT	6/30/2017 (natural gas and	Diesel	29.29	MMBtu/hr	natural gas and diesel fired 20.66 MMBtu/hr boiler, one (1) natural gas and diesel	Good Combustion Practices	0.0		AVERAGE	0.0054	4 (NAT. GAS)	AVERAGE	0		
7110 00004	DOILER GOLD I ROLL	Two (2) Heaters	Diesei	20.20		mind go and desermed 20.00 minoral bones, one (1) mind a go and deser	Cook Communion Fractices	0.0	LB/MMBTU	3-HOUR	0.005	LB/MMBTU	3-HOUR	·		+
*AK-0084	DONLIN GOLD PROJECT	6/30/2017 (natural gas and	Natural Gas	16.5	MMBtu/hr	Two (2) 16.5 MMBtu/hr heaters (natural gas and diesel fired).	Good Combustion Practices	0.0	15 (ULSD)	AVERAGE	0.0054	4 (NAT. GAS)	AVERAGE	0		
	MIDWEST FERTILIZER	STARTUP		100		(4.00)			10 (111111)	3 HOUR		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
IN-0263	COMPANY LLC	3/23/2017 HEATER EU-002	NATURAL GAS	70	MMBTU/HR		GOOD COMBUSTION PRACTICES	0.	78 LB/H	AVERAGE	200	0 H/YR		0		
		Regenerative														
LA-0307	MAGNOLIA LNG FACILITY	3/21/2016 Heaters	natural gas	7.37	mm btu/hr		good combustion practices		0			D		0		
	GRAYLING	EUTOH (In				One natural gas fired thermal oil heater for press and sifter rated at 34 MMBTU/H				TEST			BASED UPON A			
MI-0421	PARTICLEBOARD	8/26/2016 FGTOH)Thermal	Natural gas	34	MMBTU/H	fuel heat input (EUTOH in FGTOH). All falls under RBLC Process Type Code	practices.	0.0	54 LB/MMBTU	PROTOCOL	0.1	8 T/YR	12-MO ROLLING	0		
		FGFUELHTR (Two	•			Two natural gas fired dew point heaters for warming the natural gas fuel				HOURLY; EACH						
MI-0423	INDECK NILES, LLC	1/4/2017 fuel pre-heaters	Natural gas	27	MMBTU/H	(EUFUELHTR1 & EUFUELHTR2 in flexible group FGFUELHTR). The total	Good combustion practices.		.15 LB/H	FUEL HEATER	-	D		0		
1.	BELLE RIVER COMBINED	EUFUELHTR1:														
*MI-0435	CYCLE POWER PLANT	7/16/2018 Natural gas fired fue	l Natural gas	20.8	MMBTU/H	A natural gas-fired 20.8 MMBTU/H heat input HP fuel heater.	Good combustion controls	- (.17 LB/H	HOURLY	(D		0		
	BELLE RIVER COMBINED	EUFUELHTR2:														
*MI-0435	CYCLE POWER PLANT	7/16/2018 Natural gas fired fue	l Natural gas	3.8	MMBTU/H	A natural gas-fired 3.8 MMBTU/H heat input HP fuel heater.	Good combustion controls.		.03 LB/H	HOURLY	-	0		0		+
I										.	l .					
MD-0040	CPV ST CHARLES	11/12/2008 HEATER	NATURAL GAS	1.7	MMBTU/H	FUEL GAS HEATER		0.	05 LB/MMBT	J	()		0		
							USE OF EFFICIENT DESIGN OF									
							THE HEATER, EXCLUSIVE USE									
							OF PIPELINE QUALITY									
							NATURAL GAS ONLY, AND			3-HOUR						
	WILDCAT POINT	DEW POINT					APPLICATION OF GOOD			BLOCK						
*MD-0042	GENERATION FACILITY	4/8/2014 HEATER	NATURAL GAS	5	MMBTU/H		COMBUSTION PRACTICES	0.1	05 LB/MMBT	AVERAGE	1 (0		
0012		FUEL GAS								- III LIGIOL	†	1				+
	CHOUTEAU POWER	HEATER (H2O														1 "
OK-0129	PLANT	1/23/2009 BATH)		10.0	MMBTU/H).1 LB/H		l ,					
OK-0129	PLANI	1/25/2009 BATH)	-	18.8	MMB1U/H		-	-	J.I LB/H		 	1	-	0		+
													IN ANY 12			1 "
						Source shall only be fired on pipeline quality natural gas. Source shall							CONSECUTIVE			1 "
1	SUNBURY GENERATION	DEW POINT				not be operated in excess of 8,275 hours in any 12 consecutive month							MONTH			
*PA-0288	LP/SUNBURY SES	4/1/2013 HEATER	Natural Gas	15	MMBTU/H	period.		0.	06 LB/MMBT	J	0.34	4 T/YR	PERIOD	0		
	CPV Valley Energy Center															
1	Wawayanda, NY	Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Good combustion controls.	0.	11 lb/MMBtu	1-hr average						

Table D-C-4 Particulate Matter (PM) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

		PERMIT						I								
		ISSUANCE		PRIMARY		THROUGHPUT		CONTROL METHOD	EMISSION		AVG TIME	EMISSION		AVG TIME	STANDARAD	AVG TIME
RBLCID			PROCESS NAME	FUEL	THROUGHPUT	UNIT	PROCESS NOTES			UNIT			UNIT		EMISSION LIMIT	CONDITION
			Boilers and Heaters	Natural Gas and			Two (2) natural gas and diesel fired 29.29 MMBtu/hr process heaters, one (1)	Clean Fuel and Good Combustion		LB/MMBTU	3-HOUR	İ	LB/MMBTU	3-HOUR		
*AK-0084	DONLIN GOLD PROJECT	6/30/2017	(natural gas and	Diesel	29.29	MMBtu/hr	natural gas and diesel fired 20.66 MMBtu/hr boiler, one (1) natural gas and	Practices	0.0254	(ULSD)	AVERAGE	0.0075	(NAT. GAS)	AVERAGE	0	
			Two (2) Heaters					Clean Fuel and Good Combustion		LB/MMBTU	3-HOUR		LB/MMBTU	3-HOUR		
*AK-0084	DONLIN GOLD PROJECT	6/30/2017	(natural gas and	Natural Gas	16.5	MMBtu/hr	Two (2) 16.5 MMBtu/hr heaters (natural gas and diesel fired).	Practices	0.0254	(ULSD)	AVERAGE	0.0075	(NAT. GAS)	AVERAGE	0	
	MIDWEST FERTILIZER		STARTUP													
IN-0263	COMPANY LLC	3/23/2017		NATURAL GAS	70	MMBTU/HR		GOOD COMBUSTION PRACTICE	0.13	LB/H	3HR AVERAGE	200	H/YR		0	
	GRAYLING		EUTOH (In				One natural gas fired thermal oil heater for press and sifter rated at 34				TEST			BASED UPON A		
MI-0421	PARTICLEBOARD	8/26/2016	FGTOH)Thermal		34	MMBTU/H	MMBTU/H fuel heat input (EUTOH in FGTOH). All falls under RBLC Process	Good combustion practices	0.0075	LB/MMBTU	PROTOCOL	1.1	T/YR	12-MO ROLLING	0	
			FGFUELHTR (Two				Two natural gas fired dew point heaters for warming the natural gas fuel				TEST					
MI-0423	INDECK NILES, LLC	1/4/2017	fuel pre-heaters	Natural gas	27	MMBTU/H	(EUFUELHTR1 & EUFUELHTR2 in flexible group FGFUELHTR). The total	Good combustion practices.	0.002	LB/MMBTU	PROTOCOL	0)		0	
	BELLE RIVER COMBINED		EUFUELHTR1:													
*MI-0435	CYCLE POWER PLANT	7/16/2018	Natural gas fired	Natural gas	20.8	MMBTU/H	A natural gas-fired 20.8 MMBTU/H heat input HP fuel heater.	Low sulfur fuel	0.15	LB/H	HOURLY	0)		0	
	BELLE RIVER COMBINED		EUFUELHTR2:													
*MI-0435	CYCLE POWER PLANT	7/16/2018	Natural gas fired	Natural gas	3.8	MMBTU/H	A natural gas-fired 3.8 MMBTU/H heat input HP fuel heater.	Low sulfur fuel	0.03	LB/H	HOURLY	0)		0	
MD-0040	CPV ST CHARLES	11/12/2008	HEATER	NATURAL GAS	1.7	MMBTU/H	FUEL GAS HEATER		0.007	LB/MMBTU		0)		0	
								EXCLUSIVE USE OF PIPELINE			3-HOUR					
	WILDCAT POINT		DEW POINT					OUALITY NATURAL GAS AND			AVERAGE					
*MD-0042	GENERATION FACILITY		HEATER	NATURAL GAS		MMBTU/H		GOOD COMBUSTION PRACTICES	0.0074	LB/MMBTU	BASIS					
*MD-0042		4/8/2014	HEATER	NATURAL GAS	3	MMB1U/H		GOOD COMBUSTION PRACTICES	0.0073	LB/MMB1U	BASIS	- 0	1		0	
	CPV Valley Energy Center															
	Wawayanda, NY		Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Low sulfur fuel.	0.0076	lb/MMBtu	1-hr average					
														IN ANY 12		
1														CONSECUTIVE		
1	SUNBURY GENERATION		DEW POINT				Source shall only be fired on pipeline quality natural gas. Source shall not							MONTH		
*PA-0288	LP/SUNBURY SES	4/1/2013	HEATER	Natural Gas	15	MMBTU/H	be operated in excess of 8,275 hours in any 12 consecutive month period.		0.008	LB/MMBTU		0.46	T/YR	PERIOD	0	

Table D-C-5 Particulate Matter less than 10 microns (PM₁₀) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

											I			I	I		
RBLCID		PERMIT ISSUANCE DATE	PROCESS NAME	PRIMARY FUEL	THROUGHPUT	THROUGHPUT UNIT	PROCESS NOTES	CONTROL METHOD DESCRIPTION	EMISSION LIMIT 1	UNIT	AVG TIME CONDITION	EMISSION LIMIT 2	UNIT	AVG TIME CONDITION	STANDARAD EMISSION LIMIT	UNIT	AVG TIME CONDITION
. '							Two (2) natural gas and diesel fired 29.29 MMBtu/hr process heaters,										
. '							one (1) natural gas and diesel fired 20.66 MMBtu/hr boiler, one (1)										
. '							natural gas and diesel fired 16 MMBtu/hr heater, one (1) natural gas										
. '			Boilers and				fired 2 MMBtu/hr SO2 burner, one (1) diesel fired 2 MMBtu/hr SO2										
. '			Heaters (natural				burner, one hundred and 38 (138) natural gas fired building heaters,	Class First and Cond Combination		1 D /h 45 4 D T 1 1	2 110115		LD /A AN ADTIL	2 110115			
*AK-0084	DONLIN GOLD PROJECT	6/30/2017	gas and diesel	Natural Gas and Diesel	20.20	MMBtu/hr	seven (7) natural gas fired 2.5 MMBtu/hr air handler heaters, and	Clean Fuel and Good Combustion Practices	0.0354	LB/MMBTU (ULSD)	3-HOUR AVERAGE	0.0075	LB/MMBTU (NAT. GAS)	3-HOUR AVERAGE			
AK-0084	DONLIN GOLD PROJECT		Two (2) Heaters	Diesei	29.25	NINIBTU/III	twenty (20) diesel fired portable heaters.	Practices	0.0254	(ULSD)	AVERAGE	0.0075	(NAT. GAS)	AVERAGE	- 0		
. '			(natural gas and					Clean Fuel and Good Combustion		LB/MMBTU	3-HOUR		LB/MMBTU	3-HOUR			
*AK-0084	DONLIN GOLD PROJECT		diesel fired)	Natural Gas	16.5	MMBtu/hr	Two (2) 16.5 MMBtu/hr heaters (natural gas and diesel fired).	Practices	0.0254	(ULSD)	AVERAGE	0.0075	(NAT. GAS)	AVERAGE	١ ،		
	MIDWEST FERTILIZER		STARTUP HEATER	Nuturur Gus	10.0	ininibta/iii	Two (2) 10:3 Williams in treaters (natural gas and dieser med).	Tractices	0.0254	(0235)	3HOUR	0.0073	(14711.070)	- TVEIUTOE			
	COMPANY LLC	3/23/2017		NATURAL GAS	70	MMBTU/HR		GOOD COMBUSTION PRACTICES	0.522	LB/H	AVERAGE	200	H/YR		0		
		., ., .				- '		good engineering practices, good		,			,				
. '	LAKE CHARLES METHANOL		Gasifier Start-up					combustion technology, and use of									
LA-0305	FACILITY	6/30/2016	Preheat Burners	Natural gas	23	MM BTU/hr (each)		clean fuels	0			0			0		
	LAKE CHARLES METHANOL		WSA Preheat					good engineering design and									
LA-0305	FACILITY	6/30/2016	Burners	Natural Gas				practices and use of clean fuels	0			0			0		
			Regenerative														
LA-0307	MAGNOLIA LNG FACILITY	3/21/2016	Heaters	natural gas	7.37	mm btu/hr		good combustion practices	0)		0			0		
. '																	
. '			EUTOH (In				One natural gas fired thermal oil heater for press and sifter rated at 34				TEST PROTOCOL						
			FGTOH)Thermal				MMBTU/H fuel heat input (EUTOH in FGTOH). All falls under RBLC				WILL SPECIFY			12-MO ROLLING			
MI-0421	GRAYLING PARTICLEBOARD	8/26/2016	Oil Heater	Natural gas	34	ммвти/н	Process Type Code 30.590.	Good combustion practices.	0.0005	LB/MMBTU	AVG TIME	0.08	T/YR	TIME PERIOD	0		
. '																	
. '			FGFUELHTR (Two				To a set and an electric feet and a set and a										
. '			fuel pre-heaters identified as				Two natural gas fired dew point heaters for warming the natural gas										
. '			EUFUELHTR1				fuel (EUFUELHTR1 & EUFUELHTR2 in flexible group FGFUELHTR). The total combined heat input during operation shall not exceed 27										
. '			&				MMBTU/H (each) as well. The CO2e limit is for both units combined;				HOURLY; EACH						
MI-0423	INDECK NILES, LLC			Natural gas	27	ммвти/н	however the other limits are per unit.	Good combustion practices.	0.2	LB/H	FUEL HEATER	١ ،			١ ،		
1 0423	INDECK NICES, CCC		EUFUELHTR1:	reactar ar gas		IIIII D TO/II	nowever the other mines are per unit.	Good compastion practices:	0.2	120/11	T OLE TIESTIEN						
. '	BELLE RIVER COMBINED		Natural gas fired														
	CYCLE POWER PLANT	7/16/2018		Natural gas	20.8	ммвти/н	A natural gas-fired 20.8 MMBTU/H heat input HP fuel heater.	Low sulfur fuel	0.15	LB/H	HOURLY	0			0		
			EUFUELHTR2:														
	BELLE RIVER COMBINED		Natural gas fired								1				1		
*MI-0435	CYCLE POWER PLANT	7/16/2018		Natural gas	3.8	ммвти/н	A natural gas-fired 3.8 MMBTU/H heat input HP fuel heater.	Low sulfur fuel	0.03	LB/H	HOURLY	0			0		
. '	MARSHALLTOWN										3-HOUR						
*IA-0107	GENERATING STATION	4/14/2014	dew point heater	natural gas	13.32	mmBtu/hr		low sulfur fuel	0.008	LB/MMBTU	AVERAGE	0			0		
	l								1	l					l .		
MD-0040	CPV ST CHARLES	11/12/2008	HEATER	NATURAL GAS	1.7	MMBTU/H	FUEL GAS HEATER		0.007	LB/MMBTU	-	0			0		
															1		
. '	WILDOWT BODIT		DEW BODIT					EXCLUSIVE USE OF PIPELINE			3-HOUR						
*MD 0042	WILDCAT POINT GENERATION FACILITY	4/8/2014	DEW POINT	NATURAL GAS	۱ .	MMBTU/H		QUALITY NATURAL GAS AND GOOD COMBUSTION PRACTICES	0.0075	LB/MMBTU	BLOCK AVERAGE	1			1		
WID-0042	GENERATION FACILITY		FUEL GAS	NATURAL GAS	-	WIND I U/II		GOOD COMBOSTION PRACTICES	0.0073	LB/WIMBTU	AVERAGE	+ · · · ·		+	1		
. '	CHOUTEAU POWER		HEATER (H2O														
OK-0129	PLANT	1/23/2009			18.8	MMBTU/H			0.1	LB/H	1	l			l 0		
	CPV Valley Energy Center	1.25.2007			16.0				0.1		1	t °			_ ·		

Table D-C-6 Particulate Matter less than 2.5 microns (PM_{2.5}) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

		PERMIT		PRIMARY		THROUGHPUT		CONTROL METHOD	EMISSION LIMIT		AVG TIME	EMISSION LIMIT		AVG TIME	STANDARAD	AVGTIME
RBLCID			PROCESS NAME		THROUGHPUT	UNIT	PROCESS NOTES	DESCRIPTION	1	UNIT	CONDITION		UNIT	CONDITION	EMISSION LIMIT	CONDITION
			Boilers and Heaters	Natural Gas and			Two (2) natural gas and diesel fired 29.29 MMBtu/hr	Clean Fuel and Good Combustion	<u>-</u>	1		F	LB/MMBTU (NAT.			
*AK-0084	DONLIN GOLD PROJECT	6/30/2013	7 (natural gas and	Diesel	29.29	MMBtu/hr	process heaters, one (1) natural gas and diesel fired	Practices	0.0254	I B/MMRTII (III SE	3-HOUR AVERAGE	0.0075		3-HOUR AVERAGE	0	
7110 0001	DOINEIN GOLD I ROSLET	0/30/201	Two (2) Heaters	Diesei	27.27			Clean Fuel and Good Combustion	0.025	EBMADTC (CEDE) J HOUR AVERTOE	0.0075	LB/MMBTU (NAT.	J HOUR AVEIGROE		
*AK-0084	DONLIN GOLD PROJECT	6/30/2013	7 (natural gas and	Natural Gas	16.5	MMBtu/hr	fired)	Practices	0.0254	LB/MMBTU/ULSD	3-HOUR AVERAGE	0.0075		3-HOUR AVERAGE	0	
	MIDWEST FERTILIZER		STARTUP								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
IN-0263	COMPANY LLC	3/23/2017	7 HEATER EU-002	NATURAL GAS	70	MMBTU/HR		GOOD COMBUSTION PRACTICES	0.522	LB/H	3 HOUR AVERAGE	200	H/YR		0	
	LAKE CHARLES		Gasifier Start-up					good engineering practices, good								
	METHANOL FACILITY	6/30/2016	6 Preheat Burners	Natural gas	23	MM BTU/hr (each)		combustion technology, and use of clean	(0			0	
	LAKE CHARLES		WSA Preheat					good engineering design and practices and								
LA-0305	METHANOL FACILITY	6/30/2010		Natural Gas	0			use of clean fuels	(0			0	
			Regenerative													
	MAGNOLIA LNG FACILITY	3/21/2010		natural gas	7.37	mm btu/hr		good combustion practices	(0			0	
	GRAYLING		EUTOH (In FGTOH)Thermal				One natural gas fired thermal oil heater for press and			LB/MMBTU	TEST PROTOCOL WILL SPECIFY			BASED UPON A 12- MO ROLLING		
MI-0421	PARTICLEBOARD	8/26/2010	FGFUELHTR (Two	Natural gas	34	MMBTU/H	sifter rated at 34 MMBTU/H fuel heat input (EUTOH Two natural gas fired dew point heaters for warming the	Good combustion practices.	0.0004	LB/MMBTU	HOURLY; EACH	0.06	T/YR	MO ROLLING	0	
MI-0423	INDECK NILES, LLC	1/4/2013	7 fuel pre-heaters	Natural gas	22	MMBTU/H	natural gas fuel (EUFUELHTR1 & EUFUELHTR2 in	Good combustion practices.	0.5	LB/H	FUEL HEATER					
	BELLE RIVER COMBINED	1/4/201	EUFUELHTR1:	ivaturai gas		WIND LU/II	A natural gas-fired 20.8 MMBTU/H heat input HP fuel	Good combustion practices.	0.2	LD/II	FUEL REATER	0			0	
	CYCLE POWER PLANT	7/16/2019	8 Natural gas fired	Natural gas	20.8	MMBTU/H	heater	Low sulfur fuel	0.15	LB/H	HOURLY	0			0	
	BELLE RIVER COMBINED	//10/2010	EUFUELHTR2:	- tuturur gas	20.0	I I I I I I I I I I I I I I I I I I I	A natural gas-fired 3.8 MMBTU/H heat input HP fuel	LOW MITTER TOO	0.1.	LDIII	HOURET					
*MI-0435	CYCLE POWER PLANT	7/16/2018	8 Natural gas fired	Natural gas	3.8	MMBTU/H	heater.	Low sulfur fuel	0.03	LB/H	HOURLY	0			0	
	MARSHALLTOWN										3-HOUR					1
		4/14/2014	dew point heater	natural gas	13 32	mmBtu/hr			0.008	LB/MMBTU	AVERAGE	0			0	
210107	GENERALITING BITTION	0102011	de w point neuter	natural gas	15.52	IIIIIIDtu III			0.000	LDIMINDIC	TTTEIGTGE					
MD-0040	CPV ST CHARLES	11/12/2008	HEATER	NATURAL GAS	1.2	MMBTU/H	FUEL GAS HEATER		0.005	LB/MMBTU						
WID-0040	CF V 31 CHARLES	11/12/2008	HEATER	NATURAL GAS	1./	WIND I U/II	FUEL GAS HEATER		0.007	LB/WWIDTU		0			0	
								EXCLUSIVE USE OF PIPELINE								1
	WILDCAT POINT		DEW POINT					QUALITY NATURAL GAS AND			3-HOUR BLOCK					1
*MD-0042	GENERATION FACILITY	4/8/2014	HEATER	NATURAL GAS	5	MMBTU/H		GOOD COMBUSTION PRACTICES	0.0075	LB/MMBTU	AVERAGE	0			0	
																1
	PH ROBINSON ELECTRIC					1										1
*TX-0691	GENERATING STATION	5/20/2014	fuel gas heater	natural gas	18	MMBtu/hr			(0			0	[
	INDECK WHARTON															
		2/2/2015	heater	natural gas	3	MMBtu/hr			(d .		0			0	
	CPV Valley Energy Center			,					·						1	
	Wawayanda, NY		Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Low sulfur fuel.	0.0076	lb/MMBtu	1-hr average					
			aci Gus Heater	. ruturur Ods	3.02			LOW Julius suct.	0.0070	io initiatu	1 m urcrage	1		1		

Table D-C-7 Sulfur Dioxide (SO₂) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

		PERMIT															
RBLCID	FACILITY NAME	ISSUANCE DATE	PROCESS NAME	PRIMARY FUEL	THROUGHPUT	THROUGHPUT		CONTROL METHOD DESCRIPTION	EMISSION LIMIT 1	UNIT		EMISSION LIMIT 2	UNIT	AVG TIME CONDITION	STANDARAD EMISSION LIMIT	UNIT	AVG TIME CONDITION
KBLCID	OKEECHOBEE CLEAN	DATE	TROCESS NAME	TRIMART FUEL	THROUGHI UT	CHI		DESCRI HON		GR. S/100 SCF	COMBITTON	LIMIT 2	UMI	COMBITION	EMISSION EIMIT	0.411	COMMITTON
FL-0356	ENERGY CENTER	2/0/2016	Two natural gas heaters	Natural gas	10	MMBtu/hr	Fueled only with gas. May operate one heater at a time.	Use of low-sulfur fuel	,	GAS							
FL-0536	DANIA BEACH ENERGY	3/9/2010	i wo naturai gas neaters	Naturai gas	10	WINIDIU/III	neater at a time.	Use of low-sulfur fuel		GRAINS S / 100		- 0			0		
*FL-0363	CENTER	12/4/2017	Two natural gas heaters	Natural gas	9.9	MMBtu/hr		Clean fuel	2	SCF 100		0			0		
	LAKE CHARLES		Gasifier Start-up Preheat					good engineering practices, good	_								
LA-0305	METHANOL FACILITY	6/30/2016		Natural gas	23	MM BTU/hr (each)		combustion technology, and use of clean	0			0			0		
	LAKE CHARLES							good engineering design and practices and									
LA-0305	METHANOL FACILITY	6/30/2016	WSA Preheat Burners	Natural Gas	0			use of clean fuels	0			0			0		
			FGFUELHTR (Two fuel pre-					Good combustion practices and the use of			BASED UPON						
MI-0423	INDECK NILES, LLC		heaters identified as	Natural gas		MMBTU/H		pipeline quality natural gas.	2000	GR/MMSCF	FUEL RECEIPT	0			0		
MD-0040	CPV ST CHARLES	11/12/2008	HEATER	NATURAL GAS	1.7	MMBTU/H	FUEL GAS HEATER		0		SEE NOTE	0			0		
*MD-0042	WILDCAT POINT GENERATION FACILITY CHOUTEAU POWER		DEW POINT HEATER FUEL GAS HEATER	NATURAL GAS	5	ммвти/н		USE OF EFFICIENT DESIGN OF THE HEATER, EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS ONLY, AND APPLICATION OF GOOD COMBUSTION PRACTICES	0.0006	LB/MMBTU	3-HOUR BLOCK AVERAGE	0			0		
OK-0129	PLANT		(H2O BATH)		18.8	MMBTU/H		LOW SULFUR FUEL	0.01	LB/H		0			0		
*PA-0288	SUNBURY GENERATION LP/SUNBURY SES		DEW POINT HEATER	Natural Gas	15	MMBTU/H	Source shall only be fired on pipeline quality natural gas. Source shall not be operated in excess of 8,275 hours in any 12 consecutive month period.		0.003	LB/MMBTU		0.17	T/YR	IN ANY 12 CONSECUTIVE MONTH PERIOD	0		
	CPV Valley Energy Center Wawayanda, NY		Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Low sulfur fuel.	0.0022	lb/MMBtu	1-hr average						

Table D-C-8 Sulfuric Acid Mist (H₂SO₄) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

			1	1													
RBLCID		PERMIT ISSUANCE DATE	PROCESS NAME	PRIMARY FUEL		THROUGHPUT UNIT		CONTROL METHOD DESCRIPTION	EMISSION LIMIT 1	UNIT	AVG TIME CONDITION	EMISSION LIMIT 2	UNIT	AVG TIME CONDITION	STANDARAD EMISSION LIMIT	UNIT	AVG TIME CONDITION
*MI-0435	BELLE RIVER COMBINED CYCLE POWER PLANT	7/16/2018	EUFUELHTR1: Natural gas fired fuel heater	Natural gas	20.8	MMBTU/H	A natural gas-fired 20.8 MMBTU/H heat input HP fuel heater.	Low sulfur fuel		0.34 GR S/100 SCF	FUEL SUPPLIER RECORDS)		0		
*MI-0435	BELLE RIVER COMBINED CYCLE POWER PLANT	7/16/2018	EUFUELHTR2: Natural gas fired fuel heater	Natural gas	3.8	MMBTU/H	A natural gas-fired 3.8 MMBTU/H heat input HP fuel heater.	Low sulfur fuel		0.34 GR S/100 SCF	FUEL SUPPLIER RECORDS		D		0		
*VA-0325	GREENSVILLE POWER STATION	6/17/2016	AUXILIARY BOILER (1) AND FUEL GAS HEATERS (6)	NATURAL GAS	185	MMBTU/HR	The auxiliary boiler will provide steam to the steam turbine at startup and at cold starts to warm up the ST rotor. The steam from the auxiliary boiler will not be used to augment the power generation of the combastion turbines or steam turbine. The boiler is proposed to operate SF00 havly but will be limited by an annual fuel throughput based on a capacity factor of 10%.		0.0	0001 LB/MMBTU					0		
*MD-0042	WILDCAT POINT GENERATION FACILITY	4/8/2014	DEW POINT HEATER	NATURAL GAS	5	ммвти/н		USE OF EFFICIENT DESIGN OF THE HEATER, EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS ONLY, AND APPLICATION OF GOOD COMBUSTION PRACTICES	0.0005	LB/MMBTU	3-HOUR BLOCK AVERAGE	0			0		
	CPV Valley Energy Center Wawayanda, NY		Fuel Gas Heater	Natural Gas	5.02	MMBtu/hr		Low sulfur fuel.	0.0002	lb/MMBtu	1-hr average						

Table D-C-9 Greenhouse Gas (GHG) RBLC Search - Dew Point Heater Invenergy, LLC - Allegheny County Energy Center Project

		PERMIT ISSUANCE			THROUGHPUT		CONTROL METHOD	EMISSION		AVG TIME	EMISSION		AVG TIME	STANDARAD		AVG TIME
RBLCID	FACILITY NAME		PROCESS NAME	PRIMARY FUEL		PROCESS NOTES	DESCRIPTION	LIMIT 1	UNIT	CONDITION	LIMIT 2	UNIT	CONDITION	EMISSION LIMIT	UNIT	CONDITION
	1	 				Two (2) natural gas and diesel fired 29.29 MMBtu/hr process heaters, one (1) natural			i e	1	†			1	1	
						gas and diesel fired 20.66 MMBtu/hr boiler, one (1) natural gas and diesel fired 16										
						MMBtu/hr heater, one (1) natural gas fired 2 MMBtu/hr SO2 burner, one (1) diesel										
			Boilers and Heaters			fired 2 MMBtu/hr SO2 burner, one hundred and 38 (138) natural gas fired building										
			(natural gas and	Natural Gas and		heaters, seven (7) natural gas fired 2.5 MMBtu/hr air handler heaters, and twenty (20)										
*AK-0084	DONLIN GOLD PROJECT	ACT		Diesel	29.29 MMBtu/hr	diesel fired portable heaters.	Good Combustion Practices	17634	7 TPY	YEARLY		0		(
			Two (2) Heaters													
*AK-0084	DONLIN GOLD PROJECT	06/30/2017 &nbsn:ACT	(natural gas and	Natural Gas	16.5 MMBtu/hr	T (2) 1 (5) 0 (7) 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Good Combustion Practices	17634	TDV	YEARLY						
*AK-0084	DONLIN GOLD PROJECT	AC1	diesel fired)	Natural Gas	16.5 MMBtu/hr	Two (2) 16.5 MMBtu/hr heaters (natural gas and diesel fired).	GOOD COMBUSTION	17634	/ IPY	YEARLY		0		-		
							PRACTICES AND THE USE OF									
	MIDWEST FERTILIZER	02/22/2017	STARTUP HEATER				INLET AIR CONTROL SENSORS			3 HOUR						
IN-0263	COMPANY LLC	:ACT		NATURAL GAS	70 MMBTU/HR		THAT LIMIT EXCESS AIR		I B/H	AVERAGE	,	00 H/YR				
11,0203	LAKE CHARLES		Gasifier Start-up	TOTAL CITE	70 Minist Care		good equipment design and good	010	LLOIL	AVEIGIGE		00 II I I		`		
LA-0305	METHANOL FACILITY		Preheat Burners	Natural gas	23 MM BTU/hr (each)		combustion practices	1 .	0			0				
	LAKE CHARLES	06/30/2016	WSA Preheat				good equipment design and good									
LA-0305	METHANOL FACILITY	ACT	Burners	Natural Gas	0		combustion practices	(0			0		(
							good									
	MAGNOLIA LNG	03/21/2016					combustion/operating/maintenance									
LA-0307	FACILITY	ACT	Regenerative Heaters	natural gas	7.37 mm btu/hr		practices and fueled by natural gas	-)			0		(
			EUTOH (In				L			BASED UPON A 12-MO ROLLING						
MI-0421	GRAYLING PARTICLEBOARD	08/26/2016 :ACT	FGTOH)-Thermal	Natural gas	34 MMBTU/H	One natural gas fired thermal oil heater for press and sifter rated at 34 MMBTU/H fuel heat input (EUTOH in FGTOH). All falls under RBLC Process Type Code 30.590.	Good combustion and maintenance practices, natural gas only.	1,743	8 T/YR	TIME PERIOD	i					
MI-0421	PARTICLEBOARD	&nospAC1	FGFUELHTR (Two	Naturai gas	34 MMB1U/H	neat input (EUTOH in FGTOH). All fails under RBLC Process Type Code 30.590.	practices, natural gas only.	1/43	S 1/YR	TIME PERIOD	_	0				
			fuel pre-heaters													
			identified as			Two natural gas fired dew point heaters for warming the natural gas fuel				12-MO ROLLING						
			EUFUELHTR1			(EUFUELHTR1 & EUFUELHTR2 in flexible group FGFUELHTR). The total	Energy efficiency measures and the			TIME PERIOD:						
		01/04/2017	&:			combined heat input during operation shall not exceed 27 MMBTU/H (each) as well.	use of a low carbon fuel (pipeline			COMBINED						
MI-0423	INDECK NILES, LLC	ACT	EUFUELHTR2)	Natural gas	27 MMBTU/H	The CO2e limit is for both units combined; however the other limits are per unit.	quality natural gas).	1384	8 T/YR	LIMI		0		(
			EUFUELHTR1:													
	BELLE RIVER COMBINED		Natural gas fired fuel							12-MO ROLLING	i					
*MI-0435	CYCLE POWER PLANT	ACT		Natural gas	20.8 MMBTU/H	A natural gas-fired 20.8 MMBTU/H heat input HP fuel heater.	Natural gas fuel	6310	T/YR	TIME PERIOD		0		(
			EUFUELHTR2:							12-MONTH						
	BELLE RIVER COMBINED		Natural gas fired fuel				L			ROLLING TIME						
*MI-0435	CYCLE POWER PLANT	ACT	heater	Natural gas	3.8 MMBTU/H	A natural gas-fired 3.8 MMBTU/H heat input HP fuel heater. The auxiliary boiler will provide steam to the steam turbine at startup and at cold starts	Natural gas fuel	6310	T/YR	PERIOD		0		- (
			AUXILIARY			to warm up the ST rotor. The steam from the auxiliary boiler will not be used to										
			BOILER (1) AND			augment the power generation of the combustion turbines or steam turbine. The boiler										
	GREENSVILLE POWER	06/17/2016	FUEL GAS			is proposed to operate 8760 hrs/yr but will be limited by an annual fuel throughput	Natural gas and fuel and high									
*VA-0325	STATION		HEATERS (6)	NATURAL GAS	185 MMBTU/HR	based on a capacity factor of 10%.	efficiency design and operation.	117	LB/MMBTU			0		(
	1					, , , , , , , , , , , , , , , , , , , ,	.,	1	1	12-MONTH	1	1		1	1	1
	MARSHALLTOWN							1		ROLLING	1			1		1
*IA-0107	GENERATING STATION	4/14/2014	dew point heater	natural gas	13.32 mmBtu/hr			686	T/YR	TOTAL		0		1		
1/4-0107	GENERATING STATION	7/14/2014	ucw point ficater	naturar gdS	15.52 ministurii		<u> </u>	1 000	71/1K		_	0	_			+
	L. DOLL L. DOUD									12-MONTH						
I	MARSHALLTOWN		l							ROLLING						
*IA-0107	GENERATING STATION	4/14/2014	dew point heater	natural gas	13.32 mmBtu/hr			686	T/YR	TOTAL	1	0		1 (1	
								1		12-MONTH	1	1				
	ECTOR COUNTY							1		ROLLING	1	1				
*TX-0758	ENERGY CENTER	8/1/2014	Dew-Point Heater	Natural Gas	9 MMBtu/hr			263	I T/YR	TOTAL		0		(